

CLAIMS LISTING

Claims 40-42 and 44 are amended.

No claims are canceled.

Claims 1-2, 4-8, 10, 12-13, 15-17, 19-29, 31-32, 34-37, 39-42, 44-45 and 47 are pending and are listed following:

1. (Previously Presented) A method performed by a computer comprising:

referencing one or more multimedia objects through a first set of one or more elements in a content document;

associating, in a timing document that is separate from the content document, the first set of one or more elements with a second set of one or more elements in the timing document by referencing at least a portion of the first set of one or more elements to one or more elements in the second set of one or more elements;

arranging the second set of one or more elements in the timing document to indicate timing for the multimedia objects referenced by the first set of one or more elements;

receiving an input to initiate an event affecting an element in the first set of one or more elements in the content document;

providing a proxy element in the second set of elements in the timing document that is configured to reference application of the event; and

rendering the multimedia objects based on the arranging of the second set of one or more elements.

2. (Original) The method of claim 1 wherein the referencing is performed by pointers in the first set of one or more elements that point to the multimedia objects.

3. (Canceled)

4. (Original) The method of claim 1 wherein the arranging is performed through a time container that defines the second set of one or more elements.

5. (Original) The method of claim 4 wherein the time container is defined by SMIL conventions.

6. (Original) The method of claim 4 wherein the time container defines that the elements of the second set of one or more elements are rendered at the same time.

7. (Original) The method of claim 4 wherein the time container defines that the elements of the second set of one or more elements are rendered one after another in an ordered list.

8. (Original) The method of claim 4 wherein the time container defines that the elements of the second set of one or more elements are rendered exclusive of one another.

9. (Canceled)

10. (Original) The method of claim 1 further comprising associating the second set of one or more elements with a third set of one or more elements.

11. (Canceled)

12. (Previously Presented) The method of claim 1 wherein the content document and the timing document are written in XML.

13. (Previously Presented) The method of claim 1 wherein the content document is written in XML, and the timing document is a style sheet.

14. (Canceled)

15. (Previously Presented) The method of claim 1 wherein the arranging is performed through a time container that defines the second set of one or more elements.

16. (Original) The method of claim 15 wherein the time container is defined by SMIL conventions.

17. (Original) A multimedia device that performs the method of claim 1.

18. (Canceled)

19. (Previously Presented) A method performed by a computer comprising:

referencing one or more multimedia objects through a first set of one or more elements in a first document;

associating the first set of one or more elements in the first document to a second set of one or more elements in a second document that is separate from the first document, the associating comprising referencing at least a portion of the first set of one or more elements to one or more elements in the second set of one or more elements;

arranging the second set of one or more elements of the second document to indicate timing for the multimedia objects referenced by the first set of one or more elements in the first document;

receiving an input to initiate an event affecting an element in the first set of one or more elements of the first document;

providing a proxy element in the second document that is configured to reference initiation of the event; and

rendering the multimedia objects based on the arranging of the second set of one or more elements.

20. (Original) The method of claim 19 wherein the referencing is performed by pointers in the first set of one or more elements in the first document that point to the one or more multimedia objects.

21. (Original) The method of claim 19 wherein the arranging is performed through a time container that defines the second set of one or more elements.

22. (Original) The method of claim 21 wherein the time container is defined by SMIL conventions.

23. (Original) The method of claim 21 wherein the time container defines that the elements of the second set of one or more elements are rendered at the same time.

24. (Original) The method of claim 21 wherein the time container defines that the elements of the second set of one or more elements are rendered one after another in an ordered list.

25. (Original) The method of claim 21 wherein the time container defines that the elements of the second set of one or more elements are rendered exclusive of one another.

26. (Original) The method of claim 19 further comprising associating the second set of one or more elements in the second document to a third set of one or more elements in a third document.

27. (Original) The method of claim 26 wherein the first, second, and third documents are written in XML.

28. (Original) The method of claim 19 wherein the first and second documents are written in XML.

29. (Original) The method of claim 19 wherein the first document is written in XML, and the second document is a style sheet.

30. (Canceled)

31. (Original) The method of claim 19 wherein the arranging is performed through a time container that defines the second set of one or more elements in the second document.

32. (Original) A multimedia device that performs the method of claim 19.

33. (Canceled)

34. (Previously Presented) A multimedia device comprising:
a processor; and
instructions stored in a memory and executable on the processor configured to associate a first document with a second document that is separate from the first

document through referencing at least a portion of a first set of elements in the first document in at least a portion of a second set of elements in the second document, wherein the first set of elements reference multimedia objects and the second set of elements are arranged to provide a rendition timing for the multimedia objects; and

wherein the instructions are further configured to:

receive an input to initiate an event affecting an element in the first set of one or more elements in the first document;

provide a proxy element in the second set of elements in the second document that is configured to reference application of the event; and

render the multimedia objects based on the arranging of the second set of one or more elements.

35. (Original) The multimedia device of claim 34 wherein the rendition timing is a time container.

36. (Original) The multimedia device of claim 34 wherein the time container is defined by SMIL conventions.

37. (Original) The multimedia device of claim 34 wherein the instructions are further configured to associate a third set of elements in a third document with the second set of elements in the second document.

38. (Canceled)

39. (Original) The multimedia device of claim 34 wherein the instructions are further configured to associate the first set of elements in the first document with a third set of elements in a third document.

40. (Currently Amended) A system comprising:
one or more processors; and

[[One]]one or more computer-readable media carrying storing data structures executable on the one or more processors, the executable data structures comprising:

a first content document formatted in a textual markup language having tagged elements that reference one or more multimedia objects; and

a timing document formatted in a textual markup language having a plurality of tagged elements; at least some of the tagged elements of the timing document referencing the elements of the first content document; and the tagged elements of the timing document specifying rendition timings for the multimedia objects referenced by the tagged elements of the first content document;

wherein the plurality of tagged elements of the timing document includes a proxy element configured to reference application of an event affecting an element in the tagged elements of the content document in response to receiving an input to initiate the event.

41. (Currently Amended) The ~~one or more computer readable media system~~ of claim 40 wherein the rendition timings are defined by time containers.

42. (Currently Amended) The ~~one or more computer readable media system~~ of claim 40 further comprising a second content document formatted in a textual markup language having tagged elements that reference the tagged elements of the first content document.

43. (Canceled)

44. (Currently Amended) A system comprising:
one or more processor; and
[[One]]one or more computer-readable media carrying storing data structures executable on the one or more processors, the executable data structures comprising:

a first document formatted in a textual markup language having tagged elements that reference one or more multimedia objects; and

a second document formatted in a textual markup language having a plurality of tagged elements; at least some of the tagged elements of the second document referencing the tagged elements of the first document, wherein the tagged elements of the second document specify rendition timings for the multimedia objects that are referenced by the tagged elements of the first document;

wherein the plurality of tagged elements of the second document includes a proxy element configured to reference application of an event affecting an element in the tagged elements of the first document in response to receiving an input to initiate the event.

45. (Previously Presented) A system comprising:

a broadcast point providing multimedia objects; and
a multimedia device that receives the multimedia objects, a first document that references the multimedia objects through a first set of one or more elements, and a second document, separate from the first document, that: (i) is associated with the first document through referencing of at least a portion of the first set of one or elements of the first document in a second set of one or more elements in the second document; and (ii) provides rendition timing for the multimedia objects through arrangement of the second set of one or more elements in the second document;

wherein the multimedia device further receives an input that initiates an event in the first document, and informs the second document.

46. (Canceled)

47. (Original) The system of claim 45 wherein the multimedia device further receives a third document referenced by the second document.